



ES Geotechnologies

LIMITED PHASE II ENVIRONMENTAL
SITE ASSESSMENT
SOIL SAMPLING AND TESTING
Proposed Residential Development
East Rosemary Street and North 1st Street
(APN: 235-05-12,13,14,15,16)
San Jose, California

December 2007

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SITE ASSESSMENT
SOIL SAMPLING AND TESTING
Proposed Residential Development
East Rosemary Street and North 1st Street
(APN: 235-05-12,13,14,15,16)
San Jose, California**

December 2007

Prepared for

**ROEM Development Corporation
1650 Lafayette Street
Santa Clara, California 95050**

Prepared by

**ES Geotechnologies
446 S. Hillview Drive
Milpitas, California 95035**

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File No. BA-2402-01
December 12, 2007

Doc. No. 0712-025

ROEM Development Corporation
1650 Lafayette Street
Santa Clara, California 95050

Attention: Mr. Jonathan Emami

Subject: Proposed Residential Development
East Rosemary Street and North 1st Street
(APN: 235-05-12,13,14,15,16)
San Jose, California

**LIMITED PHASE II ENVIRONMENTAL
SITE ASSESSMENT – SOIL SAMPLING AND TESTING**

Dear Mr. Emami:

ES Geotechnologies (ESG) is pleased to present the findings of this limited Phase II Environmental Site Assessment for the proposed residential development located at North 1st Street and East Rosemary Street in San Jose, California. ESG conducted this assessment to evaluate organochlorine pesticide, arsenic, and lead concentrations in soil due to past agricultural use of the site. Our scope of services involved sampling near-surface soils on the property at four locations (E1 through E4), laboratory analysis of the samples, interpretation of the data, and preparation of this report.

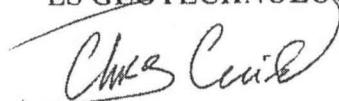
Entech Labs analyzed the soil samples using EPA Method 8081 for the presence of pesticides. The analyses detected the pesticide DDE in two of the four samples (E3 and E4). The analyses also detected DDT and Chlordane in Sample E3. Laboratory analysis did not detect pesticides in the other two samples (E1 and E2). DDE concentrations in Samples E3 and E4 were below the Environmental Screening Level (ESL) and the California Human Health Screening Level (CHHSL) for residential use. Concentrations of DDT and Chlordane in sample E3 were also below the ESL and CHHSL for residential use.

Entech also analyzed the soil samples using EPA Method 6010 for the presence of lead and arsenic. Lead concentrations in all four samples were below the ESL and CHHSL. Arsenic concentrations in all four samples were above the CHHSL and slightly above the ESL for residential use. However, the arsenic concentrations detected in the samples are approximately equal to the naturally occurring background concentration listed for arsenic in the southern San Francisco Bay Area.

We appreciate this opportunity to be of service. If you have any questions, please contact our office.

Respectfully submitted,

ES GEOTECHNOLOGIES



Christopher M. Cecile
Staff Geologist



Bryan J. Kriens
Project Geologist
Certified Engineering Geologist 2476

CMC/BJK: rv

Distribution: 2 to ROEM Development Corporation



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LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT – SOIL SAMPLING AND TESTING

PROJECT: Proposed Residential Development
East Rosemary Street and North 1st Street
(APN: 235-05-12,13,14,15,16)
San Jose, California

CLIENT: ROEM Development Corporation
1650 Lafayette Street
Santa Clara, California 95050

INTRODUCTION

This limited Phase II Environmental Site Assessment (ESA) was performed at the request of Mr. Jonathan Emami for the property located at East Rosemary Street and North 1st Street (APN: 235-05-12,13,14,15,16) in San Jose, California. The purpose of this study was to evaluate organochlorine pesticide (OCP), arsenic, and lead concentrations in the surficial soils at the site.

Site Location and Description

The site consists of approximately 4.05 acres of land located between North 1st Street and North 4th Street along the south side of East Rosemary Street in San Jose, California. The site is located on the U.S.G.S. San Jose East 7.5-minute quadrangle at approximately 37.3604°N latitude and 121.9067°W longitude, at an elevation of about 57 feet above sea level (Figure 1).

The site is accessed by traveling northeast on Interstate Highway 880, taking the North 1st Street exit, and proceeding north to East Rosemary Street. The site is currently occupied by four separate buildings and associated paved parking lots (Figure 2). The Jack Douglas office building occupies parcel 12, parcel 13 is a parking lot, the Empire Buffet Restaurant occupies parcel 14, parcel 15 is a rehabilitation center with a grassy play area in the back, and parcel 16 is a 12,237 square-foot, 2-story abandoned building with paved parking and a vacant grassy area. Reportedly, these buildings and associated parking lots will be demolished prior to construction

of the proposed residential development. ESG has been informed by ROEM that an affordable housing apartment complex is proposed to be built on the site.

The site is bounded to the north by East Rosemary Street, to the west by North 1st Street, to the east by a sound wall and commercial development, and to the south by Highway 880. The site is essentially flat, and the regional surface gradient is gently to the northwest toward San Francisco Bay (Figure 1). Current land use in the site vicinity is predominantly commercial.

Background

Versar, Inc. (Versar) performed a Phase I ESA for the property dated May 26, 2006. The assessment was conducted to identify areas of environmental concern, which may have resulted from past or present usage, handling, or storage of hazardous materials on, or near the subject site. The scope of work performed for this assessment was based on the ASTM standard E1527-05, *Standard Practice for Environmental Site Assessments*, and included a review of site usage, geologic and hydrogeologic literature, regulatory databases, and aerial photographs.

Versar's Phase I ESA concluded that the potential for environmental impact on the property was low, but recommended soil sampling for persistent pesticides such as DDT, hexachlorobenzene, and organophosphates. The recommendation was based on topographic map and aerial photo research showing that the site had been used in the past for agricultural purposes.

Soil Sampling

As outlined in our revised proposal (MP-4761) dated October 10, 2007, we began our investigation by visiting the site and collecting soil samples for laboratory analysis. We collected four discrete near-surface samples (E1 through E4) at a depth of 6 to 12 inches (see Figure 2 for locations). Two samples, E1 and E2, were obtained by coring through parking lot asphalt and baserock in order to reach native soil. Samples E3 and E4 were obtained from grassy areas with native soil at or near the surface. The soil samples were collected in brass tubes, placed in an ice-chilled cooler, and transported to a state-certified laboratory under chain-of-custody documentation.

Laboratory Testing

The soil samples were transported to Entech Analytical Labs, Inc. (Entech), where they were tested for pesticides by EPA Method 8081 and for lead and arsenic by EPA Method 6010.

Results

Pesticides

DDE was detected in Sample E3 and Sample E4 at concentrations of 0.27 and 0.076 milligrams per kilogram (mg/kg), respectively. Analysis of Sample E3 also detected DDT at a concentration of 0.27 mg/kg and Chlordane at a concentration of 0.32 mg/kg. Organochlorine pesticides were not detected in Samples E1 and E2. See Appendix A for additional laboratory data.

Metals

The laboratory analysis revealed detectable levels of arsenic and lead in all four of the samples. Samples E1 through E4 had arsenic levels of 6.0 mg/kg, 7.6 mg/kg, 6.6 mg/kg, and 6.8 mg/kg, respectively. Levels of lead in samples E1 through E4 were 16 mg/kg, 13 mg/kg, 37 mg/kg, and 32 mg/kg, respectively. See Appendix A for additional laboratory data.

CONCLUSIONS

Laboratory analysis detected DDE in two of the four samples, at a concentration of 0.27 mg/kg in Sample E3 and 0.076 mg/kg in Sample E4. Analysis further revealed detectable levels of DDT and Chlordane in Sample E3. Analysis of samples E1 through E4 revealed that each of the samples had detectable levels of arsenic and lead.

To evaluate the significance of these results, we consulted published screening levels for these substances. The February 2005 lookup tables published by the California Regional Water Quality Control Board (CRWQCB) provide environmental screening levels (ESLs) for residential land use of a site with shallow soil conditions and a potential drinking water supply. The California Environmental Protection Agency (CEPA) published a similar lookup table in January 2005, which provides California Human Health Screening Levels (CHHSLs) for residential land use, but does not differentiate between various soil and groundwater conditions. The ESLs and CHHSLs for residential use are listed and compared to the sample concentrations, in mg/kg, in the table below:

| <u>Substance</u> | <u>ESL</u> | <u>CHHSL</u> | <u>Background (southern Bay Area)</u> | <u>Sample E1</u> | <u>Sample E2</u> | <u>Sample E3</u> | <u>Sample E4</u> |
|------------------|------------|--------------|---|------------------|------------------|------------------|------------------|
| DDE | 1.6 | 1.6 | - | - | - | 0.27 | 0.076 |
| DDT | 1.6 | 1.6 | - | - | - | 0.27 | - |
| Chlordane | 0.44 | 0.43 | - | - | - | 0.32 | - |
| Arsenic | 5.5 | 0.07 | 6.5 | 6.0 | 7.6 | 6.6 | 6.8 |
| Lead | 150 | 150 | 30-300 | 16 | 13 | 37 | 32 |

Note: all concentrations expressed in mg/kg

Pesticides

In comparing the test results with the ESLs and CHHSLs, we note that concentrations of DDE, DDT, and Chlordane are below the concentration levels identified as thresholds for residential use.

Based on the results of laboratory analysis, organochlorine pesticide concentrations in the sampled soil are below the tabulated thresholds for residential use.

Metals

In comparing the test results with the ESL and CHHSL, we note that concentrations of arsenic are above the concentration levels identified as thresholds for residential use. However, the reported concentration is close to the typical background concentration (6.5mg/kg) for arsenic in the southern Bay Area (USGS Professional Paper 1270). We also note that concentrations of lead are below the concentration levels identified as thresholds for residential use.

LIMITATIONS

This limited Phase II Environmental Site Assessment was performed at the request of Mr. Jonathan Emami of ROEM Development Corporation for the proposed residential development at East Rosemary Street and North 1st Street in San Jose, California.

It should be noted that any level of assessment cannot ascertain that a property is completely free of chemical or toxic substances. Therefore, ESG cannot offer the certification of a "clean" property. We believe the scope of work performed has been appropriate to allow an owner, prospective buyer, or seller to make an informed business decision.

The results contained in this report are based upon the information acquired during this assessment. Changes in conditions found could occur due to contaminant migration, variations in rainfall, temperature, and/or other factors not apparent at the time of the field reconnaissance.

The services performed by ESG have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in this area of California. No other warranty is expressed or implied.

REFERENCES

California Environmental Protection Agency, 2005, USE OF CALIFORNIA HUMAN HEALTH SCREENING LEVELS (CHHSLs) IN EVALUATION OF CONTAMINATED PROPERTIES.

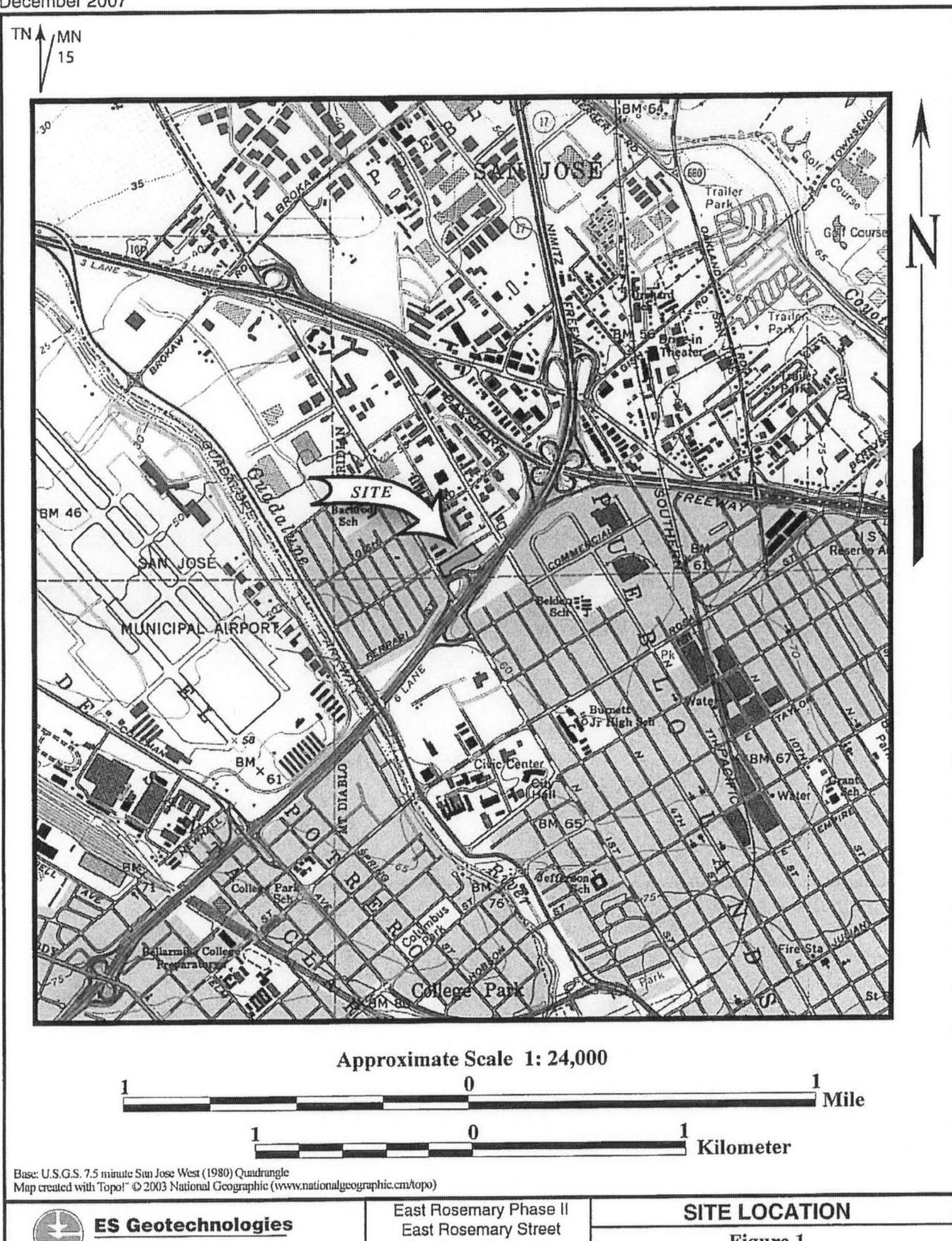
California Regional Water Quality Control Board, 2005, SCREENING FOR ENVIRONMENTAL CONCERNS AT SITES WITH CONTAMINATED SOIL AND GROUNDWATER, vol. 1: Summary Tier 1 Lookup Tables.

Shacklette, H.T. and Boerngen, J.G., 1984, ELEMENT CONCENTRATIONS IN SOILS AND OTHER SURFICIAL MATERIALS OF THE CONTERMINOUS UNITED STATES, United States Geological Survey Professional Paper 1270.

Versar, Inc, 2006, PHASE I ENVIRONMENTAL SITE ASSESSMENT, SAN JOSE PARCELS 34, 66, AND 80, EAST ROSEMARY STREET, 1290 NORTH 1ST STREET, SAN JOSE, CALIFORNIA, unpublished consultant report for Essex Property Trust, Inc., Versar Project No. 105071.5071.107, 32 p.

FIGURES

Figure 1 – Site Location
Figure 2 – Site Plan



Base: U.S.G.S. 7.5 minute San Jose West (1980) Quadrangle
Map created with Topo!® © 2003 National Geographic (www.nationalgeographic.com/topo)

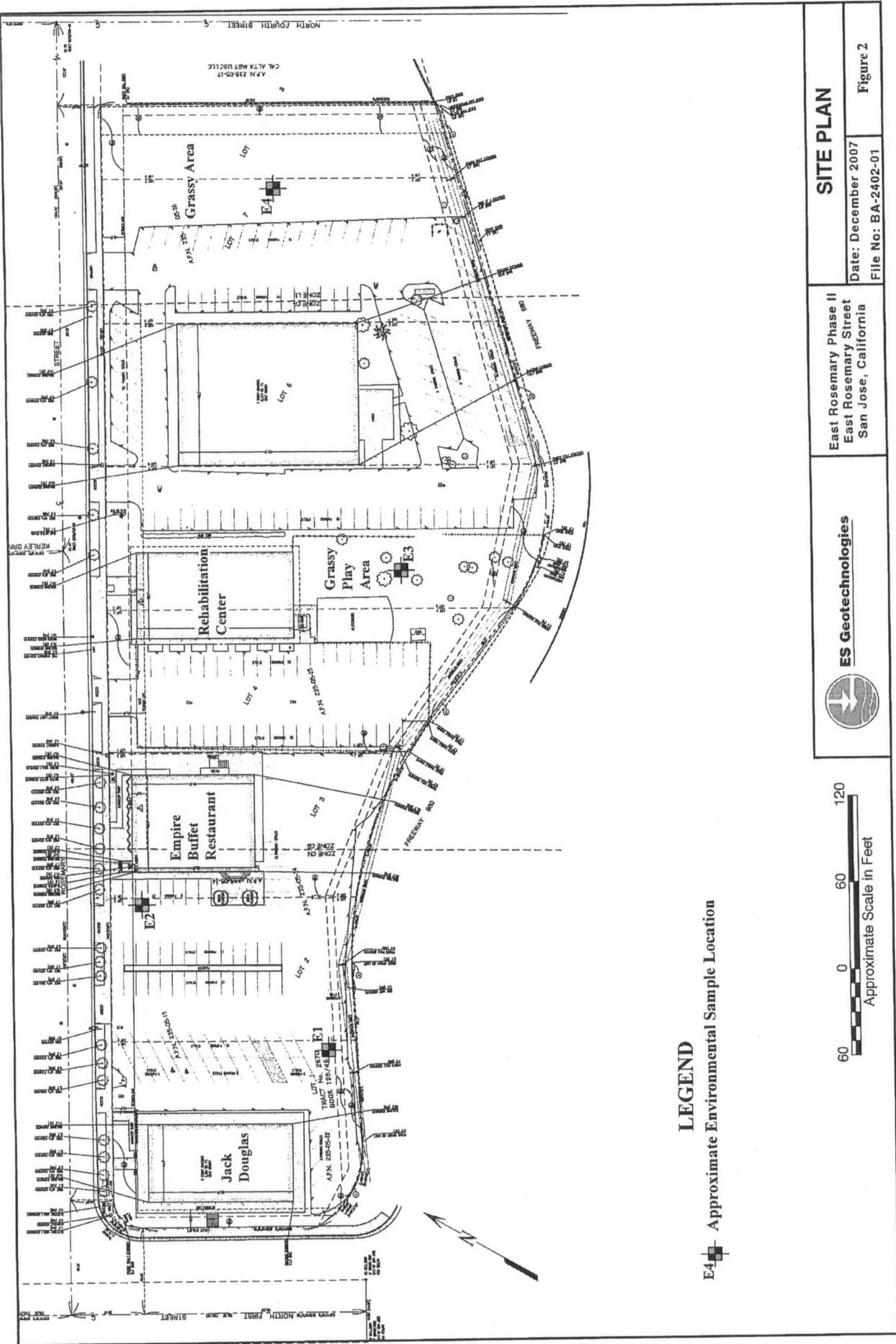


ES Geotechnologies

East Rosemary Phase II
East Rosemary Street
San Jose, California

SITE LOCATION

Figure 1



LEGEND

E4- Approximate Environmental Sample Location

APPENDIX A

Laboratory Data

Entech Analytical Labs, Inc.

3334 Victor Court, Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Bryan Kriens
ES Geotechnologies
446 South Hillview Drive
Milpitas, CA 95035-5464

Lab Certificate Number: 58138
Issued: 11/28/2007

Project Number: BA-2402-01
Project Location: San Jose

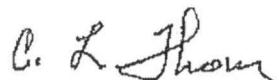
Certificate of Analysis - Final Report

On November 14, 2007, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

| <u>Matrix</u> | <u>Test / Comments</u> |
|---------------|--|
| Solid | Organochlorine Pesticides: EPA 3545A / EPA 8081A Metals by ICP: EPA 3050B / EPA 6010B |

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,



C. L. Thom
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

ES Geotechnologies
446 South Hillyview Drive
Milpitas, CA 95035-5464
Attn: Bryan Kriens

Project Number: BA-2402-01
Project Name: BA-2402-01
Project Location: San Jose

Certificate of Analysis - Data Report

Samples Received: 11/14/2007
Sample Collected by: Client

| | | | |
|-------------------|---------------|---------------|---------------------------------|
| Lab # : 58138-001 | Sample ID: E1 | Matrix: Solid | Sample Date: 11/14/2007 1:00 PM |
|-------------------|---------------|---------------|---------------------------------|

Organochlorine Pesticides: EPA 3545A / EPA 8081A

| Parameter | Result | Qual | D/P-F | Detection Limit | Units | Prep Date | Prep Batch | Analysis Date | QC Batch |
|-----------------------|--------|------|-------|-----------------|-------|------------|------------|---------------|-----------|
| Alpha-BHC | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Gamma-BHC (Lindane) | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Beta-BHC | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Heptachlor | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| delta-BHC | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Aldrin | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Heptachlor Epoxide | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endosulfan I | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| 4,4'-DDE | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Dieldrin | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endrin | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| 4,4'-DDD | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endosulfan II | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| 4,4'-DDT | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endrin Aldehyde | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endosulfan Sulfate | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Methoxychlor | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endrin Ketone | ND | | 1.0 | 0.050 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Toxaphene | ND | | 1.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Chlordane (technical) | ND | | 1.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |

| | | |
|--------------------|--------------------|--------------------|
| Surrogate | Surrogate Recovery | Control Limits (%) |
| Decachlorobiphenyl | 84.0 | 37 ~ 135 |

Analyzed by: NBocalan

Reviewed by: mtran

Metals by ICP: EPA 3050B / EPA 6010B

| Parameter | Result | Qual | D/P-F | Detection Limit | Units | Prep Date | Prep Batch | Analysis Date | QC Batch |
|-----------|--------|------|-------|-----------------|-------|------------|------------|---------------|----------|
| Arsenic | 6.0 | | 1.0 | 1.0 | mg/Kg | 11/26/2007 | SM071126 | 11/27/2007 | SM071126 |
| Lead | 16 | | 1.0 | 1.0 | mg/Kg | 11/26/2007 | SM071126 | 11/27/2007 | SM071126 |

Analyzed by: CTran

Reviewed by: HDINH

Entech Analytical Labs, Inc.

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Attn: Bryan Kriens

Project Number: BA-2402-01
Project Name: BA-2402-01
Project Location: San Jose

Certificate of Analysis - Data Report

Samples Received: 11/14/2007
Sample Collected by: Client

| Lab #: | Sample ID: | Matrix: | Sample Date: | | | | | | | |
|--|------------|---------|--------------|-------|-----------------|------------|-----------|------------|---------------|-----------|
| Organochlorine Pesticides: EPA 3545A / EPA 8081A | | Result | Qual | D/P-F | Detection Limit | Units | Prep Date | Prep Batch | Analysis Date | QC Batch |
| Alpha-BHC | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Gamma-BHC (Lindane) | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Beta-BHC | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Heptachlor | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| delta-BHC | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Aldrin | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Heptachlor Epoxide | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Endosulfan I | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| 4,4'-DDE | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Dieldrin | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Endrin | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| 4,4'-DDD | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Endosulfan II | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| 4,4'-DDT | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Endrin Aldehyde | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Endosulfan Sulfate | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Methoxychlor | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Endrin Ketone | ND | 1.0 | 0.050 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Toxaphene | ND | 1.0 | 0.10 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |
| Chlordane (technical) | ND | 1.0 | 0.10 | | mg/Kg | 11/15/2007 | PES071115 | | 11/19/2007 | PES071115 |

| | | | |
|--------------------|--------------------|--------------------|-----------------------|
| Surrogate | Surrogate Recovery | Control Limits (%) | Analyzed by: NBocalan |
| Decachlorobiphenyl | 78.0 | 37 - 135 | Reviewed by: mtran |

| Metals by ICP: EPA 3050B / EPA 6010B | Result | Qual | D/P-F | Detection Limit | Units | Prep Date | Prep Batch | Analysis Date | QC Batch |
|--------------------------------------|--------|------|-------|-----------------|-------|------------|------------|---------------|----------|
| Arsenic | 7.6 | | 1.0 | 1.0 | mg/Kg | 11/26/2007 | SM071126 | 11/27/2007 | SM071126 |
| Lead | 13 | | 1.0 | 1.0 | mg/Kg | 11/26/2007 | SM071126 | 11/27/2007 | SM071126 |

Analyzed by: CTran

Reviewed by: HDINH

Detection Limit = Detection Limit for Reporting.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Qual = Data Qualifier

11/28/2007 12:46:26 PM - mfix

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Attn: Bryan Kriens

Project Number: BA-2402-01
Project Name: BA-2402-01
Project Location: San Jose

Certificate of Analysis - Data Report

Samples Received: 11/14/2007
Sample Collected by: Client

| | | | |
|------------------|---------------|---------------|---------------------------------|
| Lab #: 58138-003 | Sample ID: E3 | Matrix: Solid | Sample Date: 11/14/2007 1:00 PM |
|------------------|---------------|---------------|---------------------------------|

Organochlorine Pesticides: EPA 3545A / EPA 8081A

| Parameter | Result | Qual | D/P-F | Detection Limit | Units | Prep Date | Prep Batch | Analysis Date | QC Batch |
|-----------------------|--------|------|-------|-----------------|-------|------------|------------|---------------|-----------|
| Alpha-BHC | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Gamma-BHC (Lindane) | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Beta-BHC | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Heptachlor | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| delta-BHC | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Aldrin | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Heptachlor Epoxide | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endosulfan I | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| 4,4'-DDE | 0.27 | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Dieldrin | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endrin | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| 4,4'-DDD | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endosulfan II | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| 4,4'-DDT | 0.27 | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endrin Aldehyde | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endosulfan Sulfate | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Methoxychlor | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Endrin Ketone | ND | | 2.0 | 0.10 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Toxaphene | ND | | 2.0 | 0.20 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |
| Chlordane (technical) | 0.32 | | 2.0 | 0.20 | mg/Kg | 11/15/2007 | PES071115 | 11/19/2007 | PES071115 |

| | | |
|--------------------|--------------------|--------------------|
| Surrogate | Surrogate Recovery | Control Limits (%) |
| Decachlorobiphenyl | 79.0 | 37 - 135 |

Analyzed by: NBocalan

Reviewed by: mtran

Metals by ICP: EPA 3050B / EPA 6010B

| Parameter | Result | Qual | D/P-F | Detection Limit | Units | Prep Date | Prep Batch | Analysis Date | QC Batch |
|-----------|--------|------|-------|-----------------|-------|------------|------------|---------------|----------|
| Arsenic | 6.6 | | 1.0 | 1.0 | mg/Kg | 11/26/2007 | SM071126 | 11/27/2007 | SM071126 |
| Lead | 37 | | 1.0 | 1.0 | mg/Kg | 11/26/2007 | SM071126 | 11/27/2007 | SM071126 |

Analyzed by: CTran

Reviewed by: HDINH

Detection Limit = Detection Limit for Reporting.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Qual = Data Qualifier

11/28/2007 12:46:26 PM - mfch

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

ES Geotechnologies
446 South Hillview Drive
Milpitas, CA 95035-5464
Attn: Bryan Kriens

Project Number: BA-2402-01
Project Name: BA-2402-01
Project Location: San Jose

Certificate of Analysis - Data Report

Samples Received: 11/14/2007
Sample Collected by: Client

| Lab #: | Sample ID: | Matrix: Solid | | Sample Date: 11/14/2007 1:00 PM | | | | | |
|---|------------|---------------|-------|---------------------------------|-------|--|--|--|--|
| Organochlorine Pesticides: EPA 3545A / EPA 8081A | | | | | | | | | |
| Parameter | | | | | | | | | |
| Parameter | Result | Qual | D/P-F | Detection Limit | Units | | | | |
| Alpha-BHC | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Gamma-BHC (Lindane) | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Beta-BHC | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Heptachlor | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| delta-BHC | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Aldrin | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Heptachlor Epoxide | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Endosulfan I | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| 4,4'-DDE | 0.076 | | 1.0 | 0.050 | mg/Kg | | | | |
| Dieldrin | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Endrin | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| 4,4'-DDD | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Endosulfan II | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| 4,4'-DDT | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Endrin Aldehyde | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Endosulfan Sulfate | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Methoxychlor | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Endrin Ketone | ND | | 1.0 | 0.050 | mg/Kg | | | | |
| Toxaphene | ND | | 1.0 | 0.10 | mg/Kg | | | | |
| Chlordane (technical) | ND | | 1.0 | 0.10 | mg/Kg | | | | |
| Surrogate Recovery | | | | | | | | | |
| Decachlorobiphenyl | 69.0 | | 37 | - | 135 | | | | |
| Analyzed by: NBocalan | | | | | | | | | |
| Reviewed by: mtran | | | | | | | | | |
| Metals by ICP: EPA 3050B / EPA 6010B | | | | | | | | | |
| Parameter | Result | Qual | D/P-F | Detection Limit | Units | | | | |
| Arsenic | 6.8 | | 1.0 | 1.0 | mg/Kg | | | | |
| Lead | 32 | | 1.0 | 1.0 | mg/Kg | | | | |
| Analyzed by: CTran | | | | | | | | | |
| Reviewed by: HDINH | | | | | | | | | |

Detection Limit = Detection Limit for Reporting.

D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.

ND = Not Detected at or above the Detection Limit.

Qual = Data Qualifier

11/28/2007 12:46:26 PM - mfax

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - Organochlorine Pesticides: EPA 3545A / EPA 8081A

QC/Prep Batch ID: PES071115

Validated by: mtran - 11/19/07

QC/Prep Date: 11/15/2007

| Parameter | Result | DF | PQLR | Units |
|-----------------------|------------|----------------|-------|-------|
| 4,4'-DDD | ND | 1 | 0.050 | mg/Kg |
| 4,4'-DDE | ND | 1 | 0.050 | mg/Kg |
| 4,4'-DDT | ND | 1 | 0.050 | mg/Kg |
| Aldrin | ND | 1 | 0.050 | mg/Kg |
| Alpha-BHC | ND | 1 | 0.050 | mg/Kg |
| Beta-BHC | ND | 1 | 0.050 | mg/Kg |
| Chlordane (technical) | ND | 1 | 0.10 | mg/Kg |
| delta-BHC | ND | 1 | 0.050 | mg/Kg |
| Dieldrin | ND | 1 | 0.050 | mg/Kg |
| Endosulfan I | ND | 1 | 0.050 | mg/Kg |
| Endosulfan II | ND | 1 | 0.050 | mg/Kg |
| Endosulfan Sulfate | ND | 1 | 0.050 | mg/Kg |
| Endrin | ND | 1 | 0.050 | mg/Kg |
| Endrin Aldehyde | ND | 1 | 0.050 | mg/Kg |
| Endrin Ketone | ND | 1 | 0.050 | mg/Kg |
| Gamma-BHC (Lindane) | ND | 1 | 0.050 | mg/Kg |
| Heptachlor | ND | 1 | 0.050 | mg/Kg |
| Heptachlor Epoxide | ND | 1 | 0.050 | mg/Kg |
| Methoxychlor | ND | 1 | 0.050 | mg/Kg |
| Toxaphene | ND | 1 | 0.10 | mg/Kg |
| Surrogate for Blank | % Recovery | Control Limits | | |
| Decachlorobiphenyl | 85.9 | 37 - 135 | | |

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Solid - Organochlorine Pesticides: EPA 3545A / EPA 8081A

QC Batch ID: PES071115

Reviewed by: mtran - 11/19/07

QC/Prep Date: 11/15/2007

LCS

| Parameter | Method Blank | Spike Amt | SpikeResult | Units | % Recovery | Recovery Limits |
|---------------------|--------------|----------------|-------------|-------|------------|-----------------|
| 4,4'-DDT | <0.050 | 0.10 | 0.0951 | mg/Kg | 95.1 | 40 - 140 |
| Aldrin | <0.050 | 0.10 | 0.0959 | mg/Kg | 95.9 | 40 - 140 |
| Dieldrin | <0.050 | 0.10 | 0.0957 | mg/Kg | 95.7 | 40 - 145 |
| Endrin | <0.050 | 0.10 | 0.0965 | mg/Kg | 96.5 | 40 - 145 |
| Gamma-BHC (Lindane) | <0.050 | 0.10 | 0.0966 | mg/Kg | 96.6 | 40 - 140 |
| Heptachlor | <0.050 | 0.10 | 0.0950 | mg/Kg | 95.0 | 40 - 140 |
| Surrogate | % Recovery | Control Limits | | | | |
| Decachlorobiphenyl | 83.9 | 37 - 135 | | | | |

LCSD

| Parameter | Method Blank | Spike Amt | SpikeResult | Units | % Recovery | RPD | RPD Limits | Recovery Limits |
|---------------------|--------------|----------------|-------------|-------|------------|------|------------|-----------------|
| 4,4'-DDT | <0.050 | 0.10 | 0.0937 | mg/Kg | 93.7 | 1.4 | 40.0 | 40 - 140 |
| Aldrin | <0.050 | 0.10 | 0.0964 | mg/Kg | 96.4 | 0.52 | 40.0 | 40 - 140 |
| Dieldrin | <0.050 | 0.10 | 0.0953 | mg/Kg | 95.3 | 0.42 | 40.0 | 40 - 145 |
| Endrin | <0.050 | 0.10 | 0.0957 | mg/Kg | 95.7 | 0.83 | 40.0 | 40 - 145 |
| Gamma-BHC (Lindane) | <0.050 | 0.10 | 0.0977 | mg/Kg | 97.7 | 1.1 | 40.0 | 40 - 140 |
| Heptachlor | <0.050 | 0.10 | 0.0955 | mg/Kg | 95.5 | 0.52 | 40.0 | 40 - 140 |
| Surrogate | % Recovery | Control Limits | | | | | | |
| Decachlorobiphenyl | 81.6 | 37 - 135 | | | | | | |

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Solid - Metals by ICP: EPA 3050B / EPA 6010B

QC Batch ID: SMD71126_

Reviewed by: HDINH - 11/27/07

QC/Prep Date: 11/26/2007

LCS

| Parameter | Method | Blank | Spike Amt | SpikeResult | Units | % Recovery | Recovery Limits |
|------------|--------|-------|-----------|-------------|-------|------------|-----------------|
| Antimony | <1.0 | 50 | 46.8 | mg/Kg | 93.6 | 70 - 130 | |
| Arsenic | <1.0 | 50 | 45.6 | mg/Kg | 91.2 | 70 - 130 | |
| Barium | <1.0 | 50 | 48.4 | mg/Kg | 96.8 | 70 - 130 | |
| Beryllium | <1.0 | 50 | 47.2 | mg/Kg | 94.5 | 70 - 130 | |
| Cadmium | <1.0 | 50 | 45.2 | mg/Kg | 90.4 | 70 - 130 | |
| Chromium | <1.0 | 50 | 47.4 | mg/Kg | 94.9 | 70 - 130 | |
| Cobalt | <1.0 | 50 | 47.4 | mg/Kg | 94.8 | 70 - 130 | |
| Copper | <1.0 | 50 | 46.7 | mg/Kg | 93.4 | 70 - 130 | |
| Lead | <1.0 | 50 | 47.6 | mg/Kg | 95.2 | 70 - 130 | |
| Molybdenum | <1.0 | 50 | 49.1 | mg/Kg | 98.1 | 70 - 130 | |
| Nickel | <1.0 | 50 | 47.3 | mg/Kg | 94.6 | 70 - 130 | |
| Selenium | <2.0 | 50 | 43.8 | mg/Kg | 87.6 | 70 - 130 | |
| Silver | <1.0 | 50 | 45.9 | mg/Kg | 91.9 | 70 - 130 | |
| Thallium | <2.0 | 50 | 45.7 | mg/Kg | 91.4 | 70 - 130 | |
| Vanadium | <1.0 | 50 | 47.5 | mg/Kg | 95.1 | 70 - 130 | |
| Zinc | <2.0 | 50 | 45.1 | mg/Kg | 90.2 | 70 - 130 | |

LCSD

| Parameter | Method | Blank | Spike Amt | SpikeResult | Units | % Recovery | RPD | RPD Limits | Recovery Limits |
|------------|--------|-------|-----------|-------------|-------|------------|------|------------|-----------------|
| Antimony | <1.0 | 50 | 43.9 | mg/Kg | 87.9 | 6.3 | 30.0 | 70 - 130 | |
| Arsenic | <1.0 | 50 | 42.3 | mg/Kg | 84.5 | 7.6 | 30.0 | 70 - 130 | |
| Barium | <1.0 | 50 | 46.1 | mg/Kg | 92.3 | 4.8 | 30.0 | 70 - 130 | |
| Beryllium | <1.0 | 50 | 43.8 | mg/Kg | 87.6 | 7.6 | 30.0 | 70 - 130 | |
| Cadmium | <1.0 | 50 | 45.0 | mg/Kg | 89.9 | 0.54 | 30.0 | 70 - 130 | |
| Chromium | <1.0 | 50 | 47.2 | mg/Kg | 94.4 | 0.52 | 30.0 | 70 - 130 | |
| Cobalt | <1.0 | 50 | 47.0 | mg/Kg | 94.0 | 0.86 | 30.0 | 70 - 130 | |
| Copper | <1.0 | 50 | 46.7 | mg/Kg | 93.5 | 0.094 | 30.0 | 70 - 130 | |
| Lead | <1.0 | 50 | 44.0 | mg/Kg | 88.1 | 7.7 | 30.0 | 70 - 130 | |
| Molybdenum | <1.0 | 50 | 46.2 | mg/Kg | 92.4 | 6.0 | 30.0 | 70 - 130 | |
| Nickel | <1.0 | 50 | 46.8 | mg/Kg | 93.6 | 1.1 | 30.0 | 70 - 130 | |
| Selenium | <2.0 | 50 | 40.4 | mg/Kg | 80.7 | 8.2 | 30.0 | 70 - 130 | |
| Silver | <1.0 | 50 | 45.9 | mg/Kg | 91.8 | 0.081 | 30.0 | 70 - 130 | |
| Thallium | <2.0 | 50 | 42.8 | mg/Kg | 85.7 | 6.5 | 30.0 | 70 - 130 | |
| Vanadium | <1.0 | 50 | 47.5 | mg/Kg | 95.0 | 0.032 | 30.0 | 70 - 130 | |
| Zinc | <2.0 | 50 | 44.6 | mg/Kg | 89.1 | 1.2 | 30.0 | 70 - 130 | |

